

## DR CHRISTIAN URBAN

Practical Experiences of Programming (5CCS2PEP 2022/3 SEM1 000001) (5CCS2PEP-2022/3-SEM1-000001)

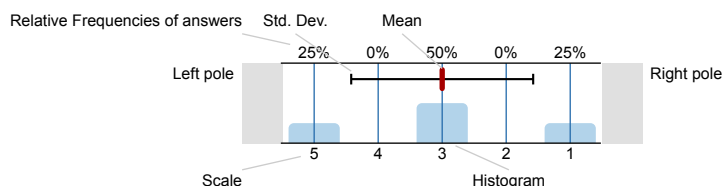
No. of responses = 80



## Survey Results

## Legend

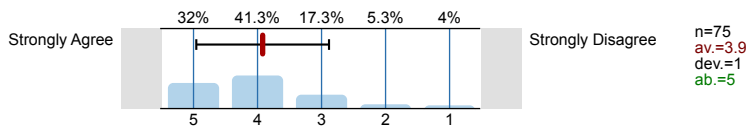
Question text



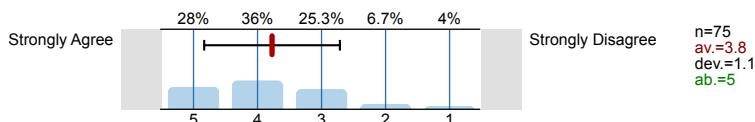
n=No. of responses  
av.=Mean  
dev.=Std. Dev.  
ab.=Abstention

## 1. CHRISTIAN URBAN - Lecturer Questions

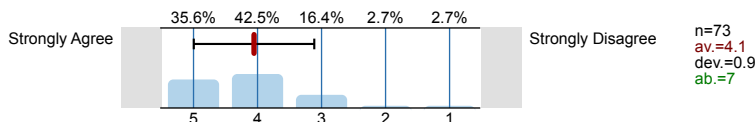
- 1.1) The lecturer has been good at explaining the subject



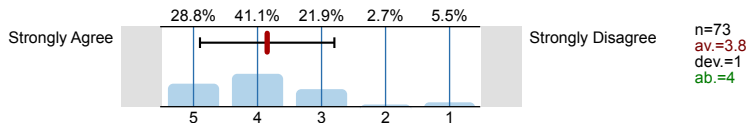
- 1.2) The lecturer has made the subject interesting



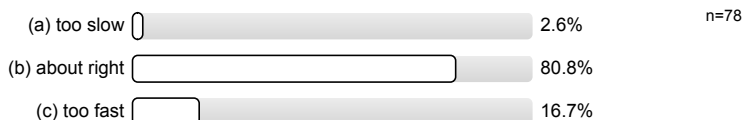
- 1.3) The lecturer has been well prepared for their classes



- 1.4) The lecturer cares about my learning experience

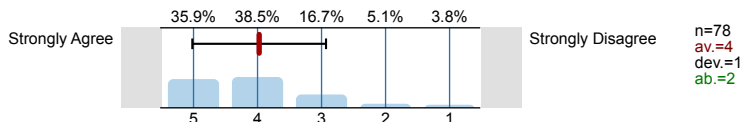


- 1.5) The pace of the lectures/seminars was

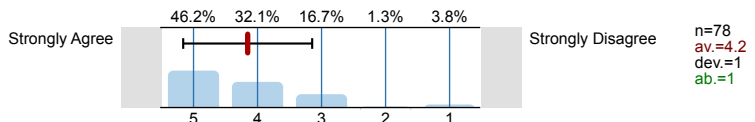


## 2. Practical Experiences of Programming (CORE) - Module Questions

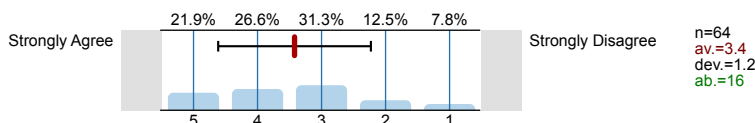
- 2.1) This module was intellectually stimulating



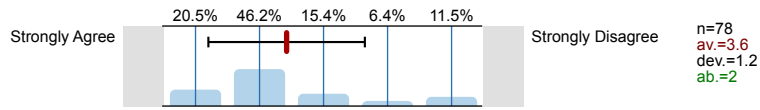
- 2.2) The criteria used in assessment for this module have been made clear in advance



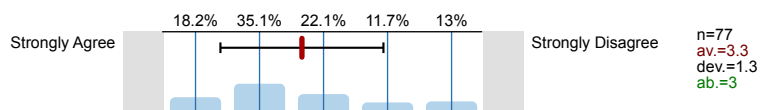
- 2.3) The written/verbal feedback I have received has been helpful



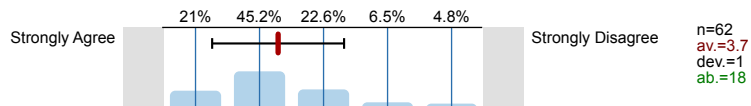
2.4) This module has been well organised



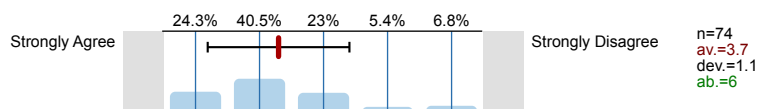
2.5) Learning materials (e.g. handbooks, study guides, teaching materials and online content) for this module have effectively supported my learning



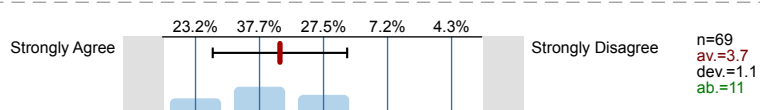
2.6) I have received helpful study advice and support when I have asked for it



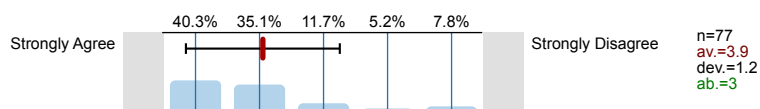
2.7) I have felt included in this module through having been encouraged to ask questions and/or participate in discussions



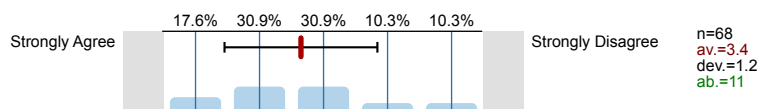
2.8) Staff value my views and perspectives in this module



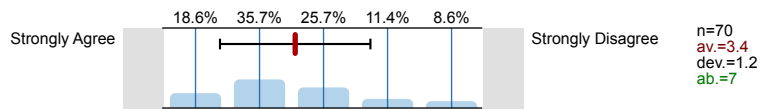
2.9) This module has helped to broaden my knowledge and/or skill set



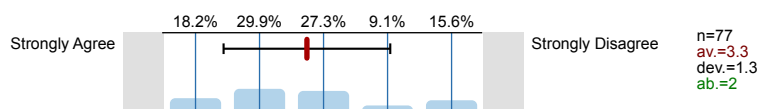
2.10) I feel part of a community on this module



2.11) The design and approach of the module made me feel included

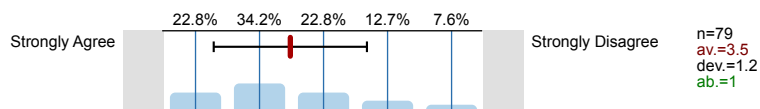


2.12) Overall, I am satisfied with this module

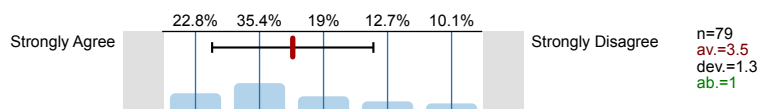


### 3. Senir Dinar - Lecturer Questions

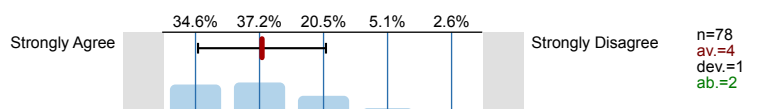
3.1) The lecturer has been good at explaining the subject



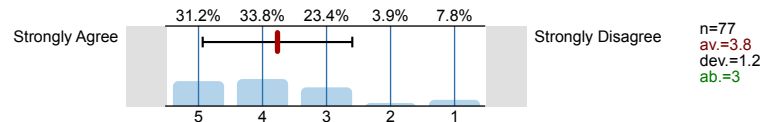
3.2) The lecturer has made the subject interesting



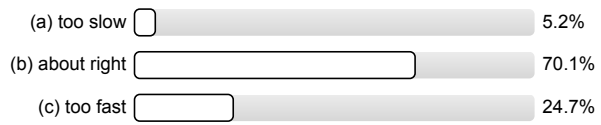
3.3) The lecturer has been well prepared for their classes



3.4) The lecturer cares about my learning experience



3.5) The pace of the lectures/seminars was



# Profile

Subunit:

Informatics

Responsible for modules:





DR CHRISTIAN URBAN

Name of the course:  
(Name of the survey)













Practical Experiences of Programming (5CCS2PEP 2022/3 SEM1 000001)

Values used in the profile line: Mean




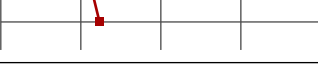
## 1. CHRISTIAN URBAN - Lecturer Questions

1.1) The lecturer has been good at explaining the subject	Strongly Agree		Strongly Disagree	n=75	av.=3.9	md=4.0	dev.=1.0
1.2) The lecturer has made the subject interesting	Strongly Agree		Strongly Disagree	n=75	av.=3.8	md=4.0	dev.=1.1
1.3) The lecturer has been well prepared for their classes	Strongly Agree		Strongly Disagree	n=73	av.=4.1	md=4.0	dev.=0.9
1.4) The lecturer cares about my learning experience	Strongly Agree		Strongly Disagree	n=73	av.=3.8	md=4.0	dev.=1.0

## 2. Practical Experiences of Programming (CORE) - Module Questions

2.1) This module was intellectually stimulating	Strongly Agree		Strongly Disagree	n=78	av.=4.0	md=4.0	dev.=1.0
2.2) The criteria used in assessment for this module have been made clear in advance	Strongly Agree		Strongly Disagree	n=78	av.=4.2	md=4.0	dev.=1.0
2.3) The written/verbal feedback I have received has been helpful	Strongly Agree		Strongly Disagree	n=64	av.=3.4	md=3.0	dev.=1.2
2.4) This module has been well organised	Strongly Agree		Strongly Disagree	n=78	av.=3.6	md=4.0	dev.=1.2
2.5) Learning materials (e.g. handbooks, study guides, teaching materials and online content) for this module have effectively supported my	Strongly Agree		Strongly Disagree	n=77	av.=3.3	md=4.0	dev.=1.3
2.6) I have received helpful study advice and support when I have asked for it	Strongly Agree		Strongly Disagree	n=62	av.=3.7	md=4.0	dev.=1.0
2.7) I have felt included in this module through having been encouraged to ask questions and/or participate in discussions	Strongly Agree		Strongly Disagree	n=74	av.=3.7	md=4.0	dev.=1.1
2.8) Staff value my views and perspectives in this module	Strongly Agree		Strongly Disagree	n=69	av.=3.7	md=4.0	dev.=1.1
2.9) This module has helped to broaden my knowledge and/or skill set	Strongly Agree		Strongly Disagree	n=77	av.=3.9	md=4.0	dev.=1.2
2.10) I feel part of a community on this module	Strongly Agree		Strongly Disagree	n=68	av.=3.4	md=3.0	dev.=1.2
2.11) The design and approach of the module made me feel included	Strongly Agree		Strongly Disagree	n=70	av.=3.4	md=4.0	dev.=1.2
2.12) Overall, I am satisfied with this module	Strongly Agree		Strongly Disagree	n=77	av.=3.3	md=3.0	dev.=1.3

## 3. Senir Dinar - Lecturer Questions

3.1) The lecturer has been good at explaining the subject	Strongly Agree		Strongly Disagree	n=79	av.=3.5	md=4.0	dev.=1.2
3.2) The lecturer has made the subject interesting	Strongly Agree		Strongly Disagree	n=79	av.=3.5	md=4.0	dev.=1.3
3.3) The lecturer has been well prepared for their classes	Strongly Agree		Strongly Disagree	n=78	av.=4.0	md=4.0	dev.=1.0
3.4) The lecturer cares about my learning experience	Strongly Agree		Strongly Disagree	n=77	av.=3.8	md=4.0	dev.=1.2

# Comments Report

## 2. Practical Experiences of Programming (CORE) - Module Questions

2.13) What has been the most positive aspect of this module for you, and if you could recommend one improvement to the Module Organiser what would it be?

- - Positive: I can imagine how C++ and functional programming will help me in the future
- Improvement: The C++ part was very poorly delivered
- C++  
Speaking as a student new to C++, the coursework was very challenging, and I felt like the videos vaguely covered the topics required for the coursework, and I had to do lots of research about the basics independently. The whole 5 weeks was overwhelming, but structured in a way that it is very practical and I definitely learnt a lot about C++ in the process. The module lecturer was very prompt at answering questions on the discussion forum and in Email, and I found that the live demo videos uploaded on Keats were quite helpful.
- Scala  
Scala is very different programming language that I am used to, and so far, the Module Organizer did a great job in making it interesting and engaging through the informative videos and live demo.
- Getting comfortable with different languages.  
Providing more support or hints when students are stuck
- I am glad I learnt new languages for diversity
- I feel unlike PPA in year 1, the videos were not directly related to the coursework at hand. In PPA, I will watch the videos, and if I had more issues with the coursework, I could refer to the videos again, whereas with this module, it was just learning a bunch of "information." A better approach will be picking an example project to teach us the language such as "cluker project in SEG" or "ticket machines in PPA." The C++ aspect of the course, I found extremely challenging and it was unfortunate that the videos were not that helpful or clear to a new programmer.
- I look forward to the scala aspect though!
- I find the live coding sessions quite helpful. If there are some examples in the lecture that is similar to the exercises in the coursework, it might help working on the coursework easier as it helps to see how the materials covered in the class correlate to the coursework tasks.
- I liked how the coursework had tasks ranging in difficulty and allowed to build confidence with the simpler tasks
- I liked the module because of the fact that we got exposure to 2 programming languages, broadening our experience. However, due to the fact that the module is 10 weeks, it feels like they were crammed together and as a result I have found this module quite difficult. I also didn't realise we had lab worksheets until the day of my lab sessions. When weighing up how to spend my time in labs (doing coursework or the lab sheets), I just end up doing the coursework as it feels like a better use of time.
- I really enjoyed intensive learning of C++ due to its applications in the field. HOWEVER, as a person who progresses through work a bit slower than the majority, 5 weeks of this learning has been borderline hell. Neglecting all the other modules, PEP 1st coursework has been the most demanding experience in university thus far. In my opinion, learning C++ should be a module on its own, with all the deadlines made for it at the end of the term.
- I think using scala with the functional side of things is quite interesting. However, the c++ was very boring and overly difficult with not enough resources in my opinion. I also didn't like how in the c++ coursework we were forced to go about coding the solution in a specific way (e.g. not being allowed to use any external libraries) as I feel this limited creativity - I think it would have been better if it was left more open.
- It is quite funny because I noticed that if you complement the course in the feedback you are listened to. As such, the course was amazing. Now that I have gained your attention, I think it is kind of a cheap out focusing on specific programming languages. I know that you want us to gain practical experience but solving leetcode hard is not practical experience. Next thing you know, google releases carbon and wait, the lecturers have not made a video on that so nobody can learn it. Also for somebody who knows C++ it means that we learn nothing and it is effectively a null course. It would be better if you gave us a cool (real world) project to do with various languages so we can gain actual practical experience. I also think that you could spend an entire year on the STL and so don't focus on it, teach us to teach ourselves. also, WHY UNIQUE POINTERS?? WHY? just teach us rust or go if you want memory management. bye
- It was clear
- Might be better to explain concepts and do some coding at same time instead of separating concepts and coding into different parts
- More explicit constraints on the coursework, eg. the range of the inputs in the test cases to check if our intermediate values may overflow, or if u can call front() on our linkedlist despite it being empty... Other than that the coursework was pretty stimulating and enriching, could be way more clear to cause less frustration though.
- On one hand, this module was intellectually stimulating and it helped broaden my knowledge considerably. However, at times I felt like I want to kill myself because of the c++ coursework. I think the best way to correct this would be to give us more time to conclude our c++ coursework and reduce the time for the scala coursework.

- Please note, this feedback is about **\*\*the first half of the module\*\*** relating to Dr. Senir Dinar and C++ NOT the Scala portion (which I love so far).

I have brought up mistakes that Dr. Senir Dinar has made and have contacted him about this, but he ignored my comments. His feedback on the KEATs page was also very unhelpful, only copy and pasting instructions I had already read. Senir Dinar is a good lecturer, but given the number of mistakes he made, as well as the shambolic structure of the coursework, I was unable to enjoy this module.

- Pr. Urban's section on Scala presented a strong relief after a disastrous semester of C++. While Pr. Urban creates interactive videos in which we feel he enjoys teaching the subject and sharing his passion with us, Pr. Dinar's video have been a succession of snippets of code without much context on their utility nor on the overall structure of the week's content and of the course overall. The C++ part of the module has been a quest to receive positive feedback from an automated score report script more than actually learning C++ because of the way the language was poorly taught to us while the Scala part has really become an intellectual challenge of grasping the concept of functional programming. I hope for my fellow Y1 Computer Science students that they will not have to go through the same experience on C++, it felt like a waste of time and definitely was an experience way worse than if I had decided to learn C++ on my own outside of university.
- The Scala part is practical and very useful for our future career. However, the c++ part is totally unpleasant experience of the module since c++ is a programming language that needs long time to study (even the lifetime!). However we just study c++ part for just two months and we just feel that we study nothing in c++ part, which is very terrible. I think that it is better to delete c++ part and replace with other language which is useful, or just focus on scala programming language.
- The TA's are great
- The content is interesting and engaging, and organised well so the content covered is relevant and useful in preparing for the coursework.  
I don't understand why the demo videos were added later after the initial videos since well-explained coding demos are a lot more useful in understanding the concepts introduced. I think it would benefit learners to have the coding demos alongside the explanations as the powerpoint slides and explanations were less engaging and clear on their own.
- The coursework has been adequately difficult and has pushed me to think in different/creative ways than previous modules. I feel I have learnt a lot and this has been my favourite module. :-)  
Could we have small group tutorials rather than lab sessions as I think more people would come and we can do example problems there. Lab sessions are more independent & people are more reserved to ask questions because the group is large/maybe intimidating and less inclusive in a way.
- The first c++ coursework is disgusting. one np problem, dynamic programming (reverse recursion), which we have not studied at all. Template programming straightforward after having a year with GUI-based java applications we jump to c++, learn something about it within 5 weeks, it is just impossible Most of the stuff we have to learn ourselves from outside resources. A very small amount of time allocated to complete such a big and hard coursework,
- The module does teach some very useful aspects of programming. However, due to the level of knowledge required it lacks a community where people can help each other due to the method of assessment. This made me feel very alone working on the coursework and worried about my ability.
- The most positive aspect of the module for me has been the teaching approach which includes weekly videos, LGTs and lab sessions. The content of the course was explained well in the videos. One recommendation for improvement could be to make the exercises in the lab sessions more engaging, where the whole class is encouraged to actively participate and learn more things than when programming individually.
- There has been no positives, the weekly videos are very long but things are still not explained well. I have had many breakdowns over this module and would not recommend to anyone.
- This is supposed to be a "practical experience" of programming but instead was just a glorified leetcode assessment that didn't let you use all the tools available to you. Make the module: useful.
- Very gooooooooooooooooooooooood